



**STARRO
PRECISION PRODUCTS
AND ENGINEERING, LLC**

DFM Services

Design For Manufacturability
Optimizing Cost, Quality & Cycle-time

Manufacturability

Our company commitment is singularly focused on being a valued partner to our customers. In addition to offering specialized production capacity, our DFM engineering services will optimize all the manufacturing functions for customers desiring to build their capabilities and efficiencies for in-house production. Our deliverable can be process specific or the complete end-to-end manufacturing design to include assets (machine and equipment), material selection and operating processes for optimized performance.

Quality

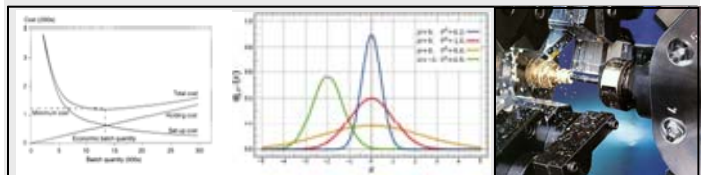
The most critical contributor to total product cycle profitability is quality. A high quality product and manufacturing process will enable immense cost savings throughout the product life-cycle and provide our customers with a sustainable competitive advantage. Design for Manufacturability will provide the foundation that will accelerate the learning curve and enable implementation of cost-curve benefits.

Customer Satisfaction

In a competitive environment the three most critical customer satisfaction attributes are cost, quality and cycle-time. Starro's DFM service is a comprehensive process and tool that can help you achieve the ultimate goal of customer satisfaction.

Our In-House DFM Center Capabilities

- Process characterization & optimization**
- Quality Management Systems**
- Programming**
- Machining**
- Materials analysis**
- Project Management**



DFM Benefits

- **Improve & optimize project schedules**
- **Improve product designs**
- **Reduce product development costs**
- **Reduce operations and maintenance costs**
- **Machine, material and process matching**
- **Improved process capability**
- **Enhance resource utilization and effectiveness**
- **Streamlined & efficient manufacturing processes → increased product output**
- **Lower cycle-time**
- **Product quality and consistency (↑CPK)**
- **Machine programming optimization**
- **Operator training**
- **Operating procedure and process documentation**
- **Improved profitability**

Starro Precision Products and Engineering, LLC is an Elgin, Illinois-based company that designs manufacturing processes, develops and manufactures high precision and difficult to machine products and components for medical, advanced industrial, aerospace, alternative energy and high technology industries. Starro Precision Products & Engineering, LLC is ISO-13485:2003 certified.

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